CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

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QC ABSTRACT

Nameof Work:Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sl. No.	Item	Quantity As Per BOQ	Required No's of testes	Actual No's of testes	Testes	Frequency
1	Materials	382.97 Cum	1	1	Cement Sand,	One Test Per Lot
2	Steel	50.20 Tonne	1	1	-	-
3	M20	902.97 Cum	22	22	Concrete Cube Compressive Strength	-
4	M30	737.05 Cum	18	18	Concrete Cube Compressive Strength	-
5	Slab (100mm)	2278.02 Sqm	1	1	Concrete Core Compressive Strength	-
6	Slab (250mm)	67.20 Sqm	1	1	Concrete Core Compressive Strength	-
7	PVC Pipe(63mm)	100m	1	1	-	-
8	WMM	489.78 Cum	-	-	-	-
		Gradation	5	5	-	-
		AIV	3	3	-	-
		Shape Test	3	3	-	-
		Atterberg Limits	5	5	-	-
9	DBM	79.80 Cum	-	-	-	-
		Quality of Binder	1	1	-	-
		AIV	1	1	-	-
		Shape Test	1	1	-	-
		Gradation	1	1	-	-
		Specific Gravity	1	1	-	-
		Stability of Mix	2	2	-	-
		Bitumen content	2	2	-	-
10	BC	47.88 Cum	-	-	-	-
		Quality of Binder	1	1	-	-
		AIV	1	1	-	-
		Shape Test	1	1	-	-
		Gradation	1	1	-	-
		Specific Gravity	1	1	-	-
		Stability of Mix	1	1	-	-
		Bitumen content	1	1	-	-

Cubes

0-5 Cum	1Set
6-15 Cum	2Set
16-30 Cum	3Set
31-50 Cum	4Set

Add 1set for extra 50Cum

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಜ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜ.ಜ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date: 20.12.2021

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	:	**Sri B.M. Kiran , Contractor, Bangalore.**
NAME OF THE WORK	:	Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.
SAMPLE ID	:	Cement (Birla OPC 53 Grade)
DATE OF MANUFACTURE		November - 2021
DATE OF TESTING		20.12.2021 to 22.12.2021
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	325 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00 %	-

Note:

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For CIVIL AIM CONSULTANTS & ENGINEERS

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date : 20.12.2021

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Date of Testing : 20.12.2021

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	86	8.60	8.60	91.4	90-100
2.36	144	14.40	23.00	77.0	75-100
1.18	191	19.10	42.10	57.9	55-90
600 Micron	160	16.00	58.10	41.9	35-59
300 Micron	213	21.30	79.40	20.6	8-30
150 Micron	137	13.70	93.10	6.9	0-10

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date : 20.12.2021

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Date of Testing : 20.12.2021

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	184	3.7	3.7	96.3	95-100
10	2433	48.7	52.3	47.7	25-55
4.75	1975	39.5	91.8	8.2	0-10

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date : 20.12.2021

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Date of Testing : 20.12.2021

IS Code : IS 383:2016

: IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	191	1.27	1.27	98.73	95-100
20	8235	54.90	56.17	43.83	30-70
10	3275	21.83	78.01	21.99	10-35
4.75	2816	18.77	96.78	3.22	0-5

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date : 20.12.2021

TEST REPORT ON FINE AGGREGATES (SAND)

IS 2116-1980

Client :Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Date of Testing : 20.12.2021

Material : Sand - Masonry Total wt. of aggregates in gms = 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	18	1.80	1.80	98.2	90-100
1.18	39	3.90	5.70	94.3	70-100
600 Micron	82	8.20	13.90	86.1	40-100
300 Micron	255	25.50	39.40	60.6	5-70
150 Micron	491	49.10	88.50	11.5	0-15

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date : 24.12.2021

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Steel Dia/Length : 8mm,10mm,12mm " Fe500 TMT Bars"

Reference to BIS codes : IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification

: IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test : 24.12.2021

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm^2)	Tensile strength (N/mm^2)	TS/YS ratio	Elongation, percent on gauge length
1	TMT	8	0.397	548	627	1.14	13.5
2	TMT	10	0.619	555	646	1.16	14.5
3	TMT	12	0.89	565	660	1.17	15

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Job No:- CACE/BBMP/BMK/W.No.14/2021-22 Date: 21.01.2022

PRECAST SLAB 100 mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Contractor : Sri B.M. Kiran , Contractor, Bangalore.

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

No.of Sample Tested : 03

Date of Testing : 21.01.2022

Techinical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.

Grade of Concrete : M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	82.00	0.379	2353.94	1.64	0.961	32.80	16.70	18.04	17.34	21.67
2	50.00	84.00	0.391	2370.65	1.68	0.965	33.50	17.06	18.43	17.79	22.24
3	50.00	86.00	0.401	2374.74	1.72	0.970	34.10	17.37	18.76	18.19	22.74

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 Date: 21.01.2022

PRECAST SLAB 250mm Thick(CORE) TEST REPORT

Client	:	**Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**
Contractor	:	**Sri B.M. Kiran , Contractor, Bangalore.**
Name of Work	:	Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.
No.of Sample Tested	:	03
Date of Testing	:	21.01.2022
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	90.00	114.00	1.698	2341.30	1.27	0.921	111.50	17.53	18.93	17.43	21.79
2	90.00	116.00	1.756	2379.53	1.29	0.923	113.80	17.89	19.32	17.84	22.29
3	90.00	118.00	1.798	2395.15	1.31	0.926	113.80	17.89	19.32	17.88	22.35

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22 10.02.2022

TEST REPORT ON PVC PIPE

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample Supplied by : AGENCY

BIS Code : IS 4985:2000

Sample Identification : PVC pipe 63mm dia

Date of Testing : 10.02.2022

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	63.00	63.0 mm
2	Mean Outside Diameter (mm)	63.40	Min 63.0mm Max 63.8 mm
3	Outside Diameter at Any Point (mm)	65.1	Min 61.0 mm Max 66.0 mm

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 07.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of the work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14 in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	07.01.2022	8.165	332.3	14.77
2	31.12.2021	07.01.2022	8.152	345.2	15.34
3	31.12.2021	07.01.2022	8.146	356.2	15.83

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 28.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**
Agency	: **Sri B.M. Kiran , Contractor, Bangalore.**
Name of the work	: Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14 in Dasarahalli Assembly Constituency, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	28.01.2022	8.165	505.2	22.45
2	31.12.2021	28.01.2022	8.159	512.3	22.77
3	31.12.2021	28.01.2022	8.184	484.9	21.55

Note:

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For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.
Ph: 9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com

CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

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Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 07.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.**

Agency : **Sri B.M. Kiran , Contractor, Bangalore.**

Name of the work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14 in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	07.01.2022	8.169	336.3	14.95
2	31.12.2021	07.01.2022	8.185	345.2	15.34
3	31.12.2021	07.01.2022	8.154	352.8	15.68

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	28.01.2022	8.169	501.2	22.28
2	31.12.2021	28.01.2022	8.184	512.3	22.77
3	31.12.2021	28.01.2022	8.152	484.6	21.54

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ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಬಿ.ಪಿ
ಬೆಂಗಳೂರು-560073

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	07.01.2022	8.168	336.3	14.95
2	31.12.2021	07.01.2022	8.185	345.2	15.34
3	31.12.2021	07.01.2022	8.176	356.2	15.83

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	28.01.2022	8.165	502.2	22.32
2	31.12.2021	28.01.2022	8.146	512.2	22.76
3	31.12.2021	28.01.2022	8.152	484.9	21.55

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	07.01.2022	8.169	336.3	14.95
2	31.12.2021	07.01.2022	8.184	345.2	15.34
3	31.12.2021	07.01.2022	8.152	356.2	15.83

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.12.2021	28.01.2022	8.174	505.2	22.45
2	31.12.2021	28.01.2022	8.156	513.2	22.81
3	31.12.2021	28.01.2022	8.138	484.9	21.55

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	10.01.2022	8.136	336.3	14.95
2	03.01.2022	10.01.2022	8.165	345.2	15.34
3	03.01.2022	10.01.2022	8.146	356.2	15.83

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	31.01.2022	8.165	505.2	22.45
2	03.01.2022	31.01.2022	8.145	513.6	22.83
3	03.01.2022	31.01.2022	8.152	484.9	21.55

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Cross Sectional Area	: 22500 mm^2
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Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	10.01.2022	8.169	335.2	14.90
2	03.01.2022	10.01.2022	8.184	346.5	15.40
3	03.01.2022	10.01.2022	8.146	352.8	15.68

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Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	31.01.2022	8.169	500.2	22.23
2	03.01.2022	31.01.2022	8.184	516.2	22.94
3	03.01.2022	31.01.2022	8.154	484.9	21.55

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Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	10.01.2022	8.168	339.3	15.08
2	03.01.2022	10.01.2022	8.174	345.5	15.36
3	03.01.2022	10.01.2022	8.156	352.6	15.67

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	03.01.2022	31.01.2022	8.165	502.2	22.32
2	03.01.2022	31.01.2022	8.146	512.6	22.78
3	03.01.2022	31.01.2022	8.152	485.6	21.58

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Job No.: CACE/BBMP/BMK/W.No.14/2021-22

Date: 12.01.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Agency : Sri B.M. Kiran , Contractor, Bangalore.

Name of the work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10th cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no.14 in Dasarahalli Assembly Constituency, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.01.2022	12.01.2022	8.168	336.3	14.95
2	05.01.2022	12.01.2022	8.154	345.2	15.34
3	05.01.2022	12.01.2022	8.146	352.8	15.68

Note:

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರು.
ಜಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

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